

## Marine Field Course Implementation Guidelines

**1 Course Title** Marine Ecology and Environmental Science (1 credit, University of Tsukuba)

**2 Instructors** HARVEY Benjamin Paul (University of Tsukuba, Assistant Professor)  
TSUYUKI Aoi (University of Tsukuba, Assistant Professor)

**3 Location** University of Tsukuba, Shimoda Marine Research Center

〒415-0025 静岡県下田市5-10-1 電話 0558-22-1317 Fax 0558-22-0346

(Access: Approximately 5 minutes by bus from Izukyu-Shimoda Station (bound for Irozaki or Shimogamo), get off at “Nabeta-guchi” and walk for 5 minutes.)

**4 Course Dates** 2026/10/5 (Monday) ~ 2026/10/8 (Thursday) 4日間

**5 Eligibility** Primarily graduate students (undergraduate students may participate, but no academic credit will be awarded)

**6 Capacity** 10

**7 Course Title** 「Laboratory and Field Studies in Marine Ecology」

### 8 Course Description

Marine ecosystems are structured by interactions between organisms and their environment. This course provides an integrated framework for understanding how environmental drivers structure marine communities through field observation and quantitative analysis. CTD observations and benthic sampling inside and outside Shimoda Bay will be used to examine relationships between water properties and subtidal benthic communities. In addition, microclimatic variation in rocky intertidal habitats will be investigated to evaluate the relative importance of physical stress and biological interactions in structuring communities. Students will also learn hypothesis-driven experimental design based on field data, developing foundational skills in ecological study design and analysis.

### 9 Keywords

Marine ecology; environmental gradients; benthic communities; microclimate; experimental design

### 10 Schedule

Meeting Point: Dining hall of the accommodation building (strictly at 17:00)

10/5 (Monday)

17:00	18:00	19:30-22:00
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Lecture	Dinner and bath	Lecture and practical session
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10/6 (Tuesday)

7:30	9:00	12:00	13:00	17:30	19:30-22:00
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Breakfast	Field/practical	Lunch	Field/practical	Dinner/bath	Practical
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10/7 (Wednesday)					
7:30	9:00	12:00	13:00	17:30	19:30-22:00
Breakfast	Field/practical	Lunch	Field/practical	Dinner/bath	Practical

10/8 (Thursday)	
7:30	11:00
Breakfast and cleaning	End of the course

#### 11 Participation Fee ※payable at registration

JPY 6,200 (covers accommodation and meals for 3 nights and 4 days)

#### 12 Required Documents

1. Application form for special auditing students (designated format)
2. Letter of recommendation from the Dean of the graduate school (designated format)  
*If your university does not have a credit transfer system, a free-format letter may be submitted based on the example.*
3. Proof of enrolment in student accident insurance (or equivalent), or a copy of the insurance payment receipt

*Applicants who are not yet enrolled in insurance must complete enrolment after provisional acceptance and submit proof by September 4 (Fri), 2026.*

#### 13 Tuition

No tuition fee will be charged.

(A designated recommendation letter must be submitted by the applicant's university.)

#### 14 Application submission Address

Graduate Academic Affairs Office  
Life and Environmental Sciences Area Support Office  
University of Tsukuba  
1-1-1 Tennodai, Tsukuba, Ibaraki 305-8572, Japan  
Tel: +81-29-853-7808 / 4570

#### 15 Application Deadline 2026/7/24 (Friday) (Must arrive by this date)

#### 16 Selection Document screening

#### 17 Notification of Results Applicants will be notified through their home university.

## **18 Access to Shimoda Marine Research Center**

From Izukyu-Shimoda Station:

- Approximately 30 minutes on foot
- Approximately 5 minutes by taxi
- Approximately 5 minutes by bus (bound for Irozaki or Shimogamo), get off at “Nabeta-guchi,” then walk 5 minutes

### **※Note for University of Tsukuba Students**

Students must apply for course registration via TWINS and submit the required documents to the Graduate Academic Affairs Office by July 24 (Fri), 2026.